

1 **THERMOFORMER FOR FORMING AND HEAT BONDING**
2 **A THERMOPLASTIC SHEET TO A SUBSTRATE**
3

4 Abstract of the Disclosure

5 A thermoforming apparatus for forming sheets of sheet plastic onto a substrate in
6 which a retractable substrate heater is able to be positioned over a substrate loaded into the press
7 and energized while a plastic sheet is being heated in an oven included in the thermoformer
8 apparatus. The plastic sheets are cut from a strip pulled from a roll of sheet material, the roll
9 supported for side to side movement and driven by a servomotor responsive to error signals
10 generated by a strip edge sensor to compensate for wandering of a strip edge to thereby insure
11 accurate location of plastic sheets cut from the unwound strip.